

Peak District National Park

Forecast valid from 00:00 on Tuesday 13 Dec 2022 until 23:59 on Wednesday 14 Dec 2022

Forecast Issued on Monday 12 Dec 2022 at 15:37

Confidence: High, but Medium for cloud and low for any snow details from Thursday.

Headline for Tuesday 13 Dec 2022: Mist and freezing fog clearing. Bright or clear spells later.

Mountain weather hazards on Tuesday 13 Dec 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Fog	Mist	Fog	Mist	Cloudy	Sunny intervals	Clear night	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	00%	00%	00%

Forecast for Tuesday 13 Dec 2022

Weather: Low cloud, mist and freezing fog overnight and early morning. This should begin to lift and break by around midday, some bright or sunny spells through the afternoon then clear spells in the evening. Widespread frost throughout.

Chance of cloud-free hill tops above 600m: 30% rising to 70% in the afternoon.

Low cloud and visibility: Extensive cloud, base surface to 300m, lifting and breaking by the afternoon. Visibility poor or very poor becoming moderate or good in the afternoon.

Forecast for Tuesday 13 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SE	10/14 SE	10/13 SE	7/10 SE	6/9 SE	7/10 E	10/14 NE	12/16 E	12/17 E
300	6/11 SE	6/11 SE	6/11 SE	4/7 E	4/7 SE	5/8 E	6/13 NE	7/15 NE	7/14 NE
Valley	5/12 SE	3/9 SE	3/9 E	3/6 SE	4/7 E	5/9 NE	6/14 NE	7/17 NE	6/14 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-9	-3/-8	-3/-8	-3/-7	-3/-7	-4/-8	-5/-10	-5/-11	-5/-11
300	-1/-5	-1/-4	-1/-4	-1/-4	-1/-4	-1/-4	-3/-6	-3/-7	-3/-7
Valley	-1/-3	-1/-3	-1/-3	-1/-3	-0/-2	-1/-3	-2/-6	-2/-6	-3/-6
Freezing Level*	00m	00m	100m	00m	00m	00m	00m	00m	00m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Surfaces frozen throughout, perhaps thawing on any sunny slopes for a short time around the middle of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 12 Dec 2022	0.2mm	0.4mm	1.2mm

Forecast for Wednesday 14 Dec 2022

Weather: Small chance of some mist and freezing fog in the valleys. Mainly dry with sunny or clear spells. However, the odd snow shower is possible. Widespread frost throughout.

Maximum wind: North or Northeast 20 to 25mph, gusting 35mph with a severe wind chill.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Generally no significant cloud expected, but occasional, bases 600m or less, in any snow showers. Visibility very good, except in any mist, freezing fog or snow.

Temperature: **Valleys:** Minus 5 rising to Zero Celsius around the middle of the day.
At 600m: Minus 3 to Minus 6 Celsius
Freezing level: All levels